

Species Datasheet

Datasheet No. A-098.001.028
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Cyperus karthikeyanii* Wad. Khan & Lakshmin.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. Synonyms:

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Cyperus* L.
- Species: *C. karthikeyanii* Wad. Khan & Lakshmin

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Cyperus* L.
Species: *C. karthikeyanii* Wad. Khan & Lakshmin

4. Distribution:

Global: India

India: Karnataka

5. Indigenous/Exotic/Endemic; Cultivated/Wild: Endemic

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb. Occasional under shade of thick semi-evergreen forests

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology:

12. Basic chromosome number(s): x=

13. **Zygotic chromosome number(s):** $2n=$

14. **Gametic chromosome number(s):** $n=$

15. **Specialized chromosomes (B chromosomes/Sex chromosomes/polytene chromosomes/Neocentric chromosomes):**

Image file

16. **Ploidy level:**

Image file

17. **Agametoploidy:**

18. **Nature of polyploidy (auto, segmental, allo, autoallo):**

19. **Genomic formula:**

20. **Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):**

21. **Somatic chromosomes:**

Karyotype:

Chromosome size:

NOR chromosome(s):

Degree of asymmetry:

Image file

22. **Banding pattern(s):**

Image file

23. **Physical mapping of chromosomes:**

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24. **Genomic in situ hybridization:**

Image file

25. **Linkage map:**

Image file

26. **Chromosome associations:**

Female meiosis:

Male meiosis:

Image file

27. **Chromosome distribution at anaphase I:**

28. Genetic diversity:

Chromosomal level:

Image file

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc):